

```

EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEEEE   RRRRRRRRRRRR   FFFFFFFFFFFFFFFF
EEE                      RRR    RRR       FFF
EEE                      RRR    RRR       FFF
EEE                      RRR    RRR       FFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEE                      RRR          RRR   FFF
EEEEEEEEEEEEEEEEEE   RRR          RRR   FFF
EEEEEEEEEEEEEEEEEE   RRR          RRR   FFF
EEEEEEEEEEEEEEEEEE   RRR          RRR   FFF

```

[illegible]

```
HH      HH      EEEEEEEEE      AAAAAA      DDDDDDDD      EEEEEEEEE      RRRRRRRR
HH      HH      EEEEEEEEE      AAAAAA      DDDDDDDD      EEEEEEEEE      RRRRRRRR
HH      HH      EE          AA      AA      DD      DD      EE          RR      RR
HH      HH      EE          AA      AA      DD      DD      EE          RR      RR
HH      HH      EE          AA      AA      DD      DD      EE          RR      RR
HH      HH      EE          AA      AA      DD      DD      EE          RR      RR
HHHHHHHHHH      EEEEEEEE      AA      AA      DD      DD      EEEEEEEE      RRRRRRRR
HHHHHHHHHH      EEEEEEEE      AA      AA      DD      DD      EEEEEEEE      RRRRRRRR
HH      HH      EE          AAAAAAAAAA      DD      DD      EE          RR      RR
HH      HH      EE          AAAAAAAAAA      DD      DD      EE          RR      RR
HH      HH      EE          AA      AA      DD      DD      EE          RR      RR
HH      HH      EE          AA      AA      DD      DD      EE          RR      RR
HH      HH      EEEEEEEEE      AA      AA      DDDDDDDD      EEEEEEEEE      RR      RR
HH      HH      EEEEEEEEE      AA      AA      DDDDDDDD      EEEEEEEEE      RR      RR
```

```
LL      IIIIII      SSSSSSSS
LL      IIIIII      SSSSSSSS
LL      II          SS
LL      II          SS
LL      II          SS
LL      II          SS
LL      II          SSSSSS
LL      II          SSSSSS
LL      II          SS
LL      II          SS
LL      II          SS
LL      II          SS
LLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLL      IIIIII      SSSSSSSS
```

F 9
16-Sep-1984 00:21:58
5-Sep-1984 13:56:55

VAX-11 FORTRAN V3.4-56
DISK\$VMSMASTER:[ERF.SRC]HEADER.FOR;1

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```
0001 C
0002 C Version: 'V04-000'
0003 C
0004 C*****
0005 C*
0006 C* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0023 C*
0024 C*
0025 C*****
0026 C
0027 C SUBROUTINE HEADER (LUN)
0028 C
0029 C
0030 C AUTHOR BRIAN PORTER CREATION DATE 3-MAR-1979
0031 C
0032 C Functional description:
0033 C
0034 C This module displays the herald for individual entries.
0035 C
0036 C Modified by:
0037 C
0038 C V03-003 SAR0187 Sharon A. Reynolds, 1-Feb-1984
0039 C Modified the format statements for ERF output files.
0040 C
0041 C V03-002 SAR0144 Sharon A. Reynolds, 5-Oct-1983
0042 C Applied an SYE update that adds the HEADER3 routine.
0043 C
0044 C v03-001 BP0003 Brian Porter, 05-MAR-1982
0045 C Added mscp support.
0046 C
0047 C**
0048 C
0049 C
0050 C
0051 C INCLUDE 'SRC$:MSGHDR.FOR /NOLIST'
0110 C INCLUDE 'SRC$:SYECOM.FOR/NOLIST'
0238 C
0239 C
0240 C
0241 C BYTE LUN
0242 C
```



```

0243      integer*4      record_number
0244
0245      CHARACTER*24    TIME
0246
0247      LOGICAL*4        SYSSASCTIM
0248      EXTERNAL          SYSSASCTIM
0249
0250      INTEGER*4         FIELD
0251      INTEGER*4         COMPRESS4
0252
0253
0254      CALL LINCHK(LUN,2)
0255
0256      WRITE(LUN,5) ('*',I=1,28),RECCNT,('*',I=1,28)
0257  5      FORMAT(' ',28A1,' ENTRY ',17,' ',28A1)
0258
0259  7      FIELD = LIB$EXTZV(0,16,EMB$W_HD_ERRSEQ)
0260
0261      WRITE(LUN,10) FIELD,EMB$W_HD_SID
0262  10     FORMAT(' ', 'ERROR SEQUENCE ',I<COMPRESS4 (FIELD)>,' ',T52,
0263      1 'LOGGED ON SID',T66,Z8.8)
0264
0265      RETURN
0266
0267
0268
0269      Entry HEADER2 (lun,record_number)
0270
0271
0272
0273      call linchk(lun,2)
0274
0275      write(lun,5) ('*',i=1,28),record_number,('*',i=1,28)
0276
0277      goto 7
0278
0279
0280
0281      Entry HEADER3 (lun,record_number)
0282
0283      call linchk(lun,2)
0284
0285      Write(lun,15) record_number,lib$extzv(0,16,emb$w_hd_errseq),
0286      1 emb$w_hd_sid
0287  15     Format(' ',***** ENTRY ',i<compress4 (record_number)>,
0288      1 '.. ERROR SEQUENCE ',i<compress4 (lib$extzv(0,16,emb$w_hd_errseq))>,
0289      1 '.. LOGGED ON SID ',z8.8)
0290
0291      return
0292
0293      end

```

HEADER

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PROGRAM SECTIONS

Name	Bytes	Attributes									
0 \$CODE	422	PIC	CON	REL	LCL	SHR	EXE	RD	NOWRT	LONG	
1 \$PDATA	164	PIC	CON	REL	LCL	SHR	NOEXE	RD	NOWRT	LONG	
2 \$LOCAL	96	PIC	CON	REL	LCL	NOSHR	NOEXE	RD	WRT	LONG	
3 EMB	512	PIC	OVR	REL	GBL	SHR	NOEXE	RD	WRT	LONG	
4 \$YECOM	44	PIC	OVR	REL	GBL	SHR	NOEXE	RD	WRT	LONG	
Total Space Allocated		1238									

ENTRY POINTS

Address	Type	Name	Address	Type	Name	Address	Type	Name
0-00000000		HEADER	0-0000009B		HEADER2	0-00000101		HEADER3

VARIABLES

Address	Type	Name	Address	Type	Name
4-00000012	L*1	CP_11750	4-00000011	L*1	CP_11780
4-00000013	L*1	CP_11722	4-00000014	L*4	CRYPTK_FLAG
4-0000000D	I*4	DEV_CHAR	3-00000000	I*4	EMBSL_RD_SID
3-00000004	I*2	EMBSW_HD_ENTRY	3-0000000E	I*2	EMBSW_HD_ERRSEQ
4-0000001E	L*1	END_VALUE	4-0000001D	L*1	EOF_FLAG
2-00000018	I*4	FIELD	4-00000004	L*4	FORMS
2-0000001C	I*4	I	4-0000000C	L*1	LINES
4-00000027	I*4	LSTLUN	4-00000000	L*1	LUN
4-0000001F	I*4	MAILBOX_CHANNEL	4-0000002B	CHAR	OPTIONS
4-00000008	L*4	PRINTER	4-00000000	I*4	RECCNT
2-00000020a	I*4	RECORD_NUMBER	4-00000023	I*4	RECORD_SIZE
2-00000000	CHAR	TIME	4-00000019	L*1	VALID_CLASS
4-0000001A	L*1	VALID_CPU	4-0000001B	L*1	VALID_ENTRY
4-0000001C	L*1	VALID_TYPE	4-00000018	L*1	VOLUME_OUTPUT

ARRAYS

Address	Type	Name	Bytes	Dimensions
3-00000000	L*1	EMB	512	(0:511)
3-00000006	I*4	EMBSQ_HD_TIME	8	(2)

LABELS

Address	Label	Address	Label	Address	Label	Address	Label
1-0000000D	5'	0-00000061	7	1-00000028	10'	1-0000005C	15'

HEADER

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FUNCTIONS AND SUBROUTINES REFERENCED

Type	Name	Type	Name	Type	Name
I*4	COMPRESS4	I*4	LIB\$EXTZV		LINCHK

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0001
0002
0003

end

PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	6	PIC CON REL LCL SHR EXE RD NOWRT LONG
Total Space Allocated	6	

ENTRY POINTS

Address	Type	Name
0-00000000		HEADERS\$MAIN

COMMAND QUALIFIERS

FORTRAN /LIS=LISS:HEADER/OBJ=OBJ\$:HEADER MSRC\$:HEADER

/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)

/DEBUG=(NOSYMBOLS,TRACEBACK)

/STANDARD=(NOSYNTAX,NOSOURCE FORM)

/SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)

/F77 /NOG_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD_LINES /NOCROSS_REFERENCE /NOMACHINE_CODE /CONTINUATIONS=19

COMPILATION STATISTICS

Run Time:	2.21 seconds
Elapsed Time:	6.81 seconds
Page Faults:	115
Dynamic Memory:	171 pages

0149 AH-BT13A-SE
VAX/VMS V4.0

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